

### **ABSTRACT**

A pipe coupling flange (16) comprising a central bore and having first and second ports for receiving valves and a plurality of channels, wherein a take-off channel links the first port with the central bore, a feed channel links the first port directly or indirectly with the second port; and wherein the second port links directly or indirectly with the exterior of the flange. Across two pipe flanges (16), an fixed directly to the periphery of each flange there may be a Bridge (30). The bridge (30) may be capable of having process media (24) monitoring devices fixed directly to it.